



Sierra Environmental, Inc.
Environmental Consultants

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2:25 pm, Nov 25, 2008

Alameda County
Environmental Health

November 19, 2008
Project 08-103.10

Mr. Paul Garg
ABE Petroleum LLC
33090 Mission Boulevard
Union City, CA 94587

Subject: Fuel Leak Case No. RO0000257, Addendum to the Work Plan for Soil and Groundwater Investigation, 17715 Mission Boulevard, Hayward, California

Dear Mr. Garg:

Sierra Environmental, Inc. (Sierra) is pleased to present this addendum to the work plan for soil and groundwater investigation for the subject location, hereafter, referred to as Site. The Site location is shown in Figure 1. The addendum of the work plan was requested in a letter prepared by Alameda County Health Care Services (ACHCS) dated September 25, 2008. Mr. Paresh Khatri is the case officer for the Site at ACHCS. ACHCS letter was in response to a work plan Sierra prepared addressing soil and groundwater investigation at the Site dated July 28, 2008. In its work plan, Sierra proposed to advance 9 Membrane Interface Probe (MIP™), and two soil borings for soil and groundwater investigation at the Site. For detailed information, please refer to the work plan mentioned above. First encountered groundwater at the Site has been measured at 27-32 feet below ground surface. Therefore, Sierra has estimated that the MIP™ depths would be approximately 40-45 feet bgs to the bottom of the first encountered saturated zone. The ACHCS expressed concern that extending MIP™ to 40-45 feet bgs may cause cross-contamination if the probe passes through different water-bearing zones. Therefore, ACHCS requested this addendum to the work plan explaining a method which would prevent possible cross-contamination at the Site. As result, Sierra proposes the following additional work.

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San Jose, CA 95126
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ADDENDUM TO SOIL AND GROUNDWATER INVESTIGATION WORK

In its work plan mentioned above, Sierra has proposed to advance two soil borings for collecting confirmatory samples at the Site. Originally, Sierra has proposed to collect the confirmatory samples, after completion of the MIP work. However, to satisfy the ACHCS's concern, Sierra suggests advancing one of the borings, before using the MIP. Sierra proposes to advance this boring within the former UST location to (1) assess the present soil condition in the source area, and (2) to confirm the extent of the first encountered saturated zone. Figure 2 show the proposed soil boring location.

Sierra will perform its proposed work in accordance with the following tasks:

Task 1 - PREFIELD ACTIVITIES

Sierra will complete drilling permit application and submit to ACDPW with appropriate fee to obtain drilling permit. Sierra will coordinate the fieldwork with a State-licensed drilling contractor, a State-certified analytical laboratory, and the client. Sierra will notify Underground Services Alert (USA) to identify all the utilities, and clear the drilling locations. Sierra will prepare a health and safety plan for its workers and sub-contractors. Sierra will notify ACHCS and ACDPW of the drilling time and date. Sierra will prepare necessary field equipment and material.

Task 2 - FIELD ACTIVITIES

Drilling and Sampling Activities

Sierra will retain Vironex Services (Vironex) to use Geoprobe® direct push equipped with 3.5-inch diameter sampling barrel lined with 2-inch diameter acetate tube collecting continuous soil samples. Sierra will document soil conditions in boring log, and collect one undisturbed sample from unsaturated and one from saturated zones from the boring for chemical analysis, and permeability test. Depth of the boring will be determined in the field. The boring depth will extend from ground surface through the first encountered saturated zone. To prevent down-hole contaminant migration, Sierra will not extend the boring depth beyond 10 feet into the saturated zone, should its thickness exceed 10 feet. The soil sample will be collected from depth presenting the highest concentrations of contaminants using photoionization detector (PID) screening. Additionally, duplicate samples will be tested for soil oxygen demand (SOD). After collection, the samples will be sealed with Teflon tape and plastic end-caps, labeled, placed on ice in a cooler to be delivered to laboratory for chemical analysis/permeability & SOD test.

Groundwater Sampling

Sierra will collect one grab groundwater sample from the boring for chemical analysis. The sample will be collected using clean bailer or peristaltic pump. After collection, groundwater will be transferred into clean 40 ml volatile organic analysis vials. The vials will be sealed with Teflon-septum screw caps, labeled, placed on ice in a cooler, and delivered to Accutest of Santa Clara, California with chain-of-custody documentation.

All drilling and sampling/testing equipment will be washed with Liqui-Nox[®] (a phosphate-free laboratory detergent) and rinsed with clean tap water at each sampling interval. The wash and rinse water will be placed in a 55-gallon drum and placed at the Site for future profiling and disposal.

Vironex will seal the boring with Portland cement using a grout pump, after completing the drilling activities.

Please feel welcome to call us if you have questions.

Very Truly Yours,
Sierra Environmental, Inc.



Nov 21, 2008
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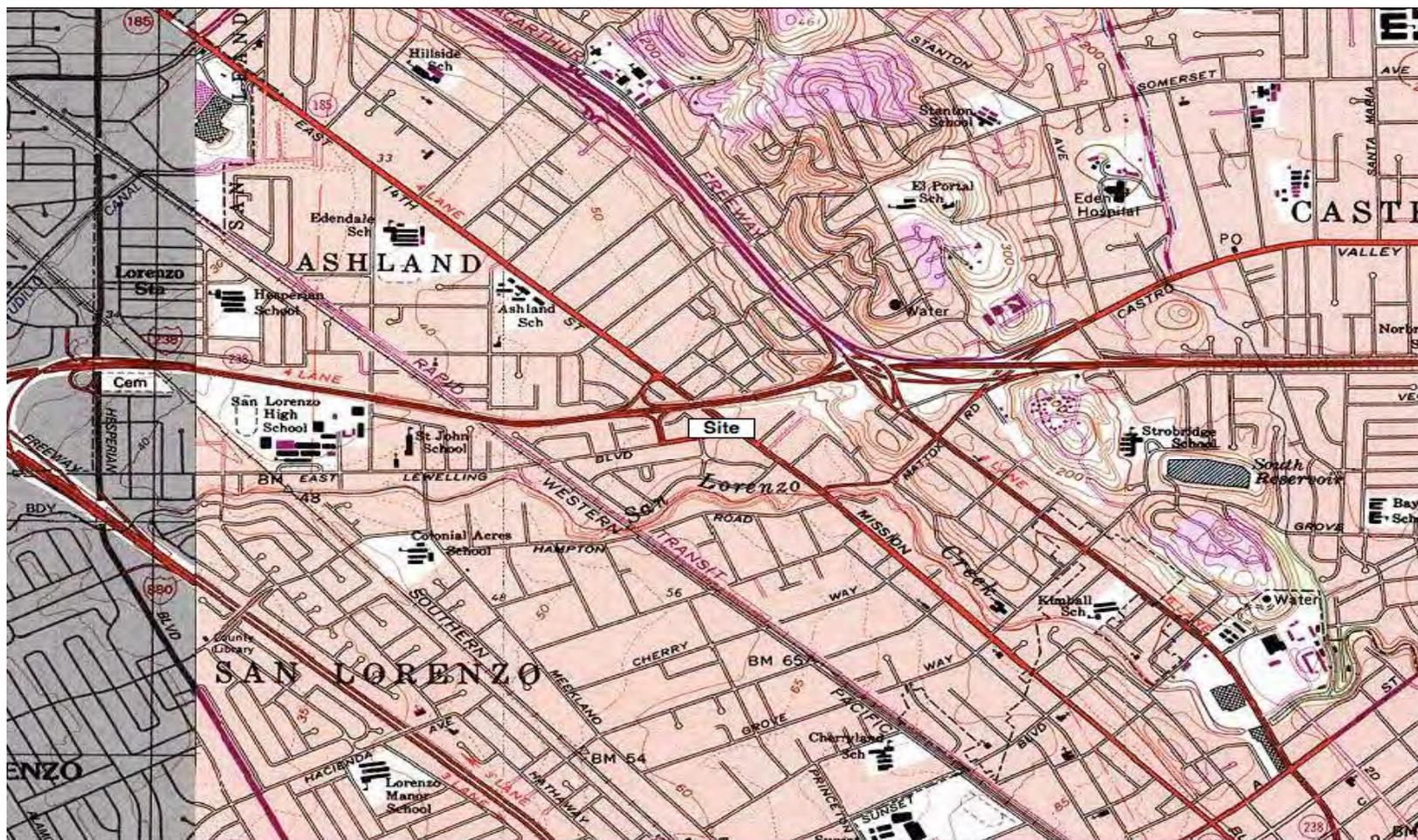
Reza Baradaran, PE, GE
principal

[Handwritten signature]

Mitch Hajiaghai, REA II, CAC
Principal

- Attachments:
- Figure 1 - Site Location Map
 - Figure 2 - Proposed Soil Boring Location

cc: Mr. Paresh Khatri, ACHCS (Electronically)



TN \star MN
15°

0 1000 FEET 0 500 1000 METERS
0 5 1 MILE

Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



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SITE LOCATION MAP

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17715 Mission Boulevard • Hayward • California

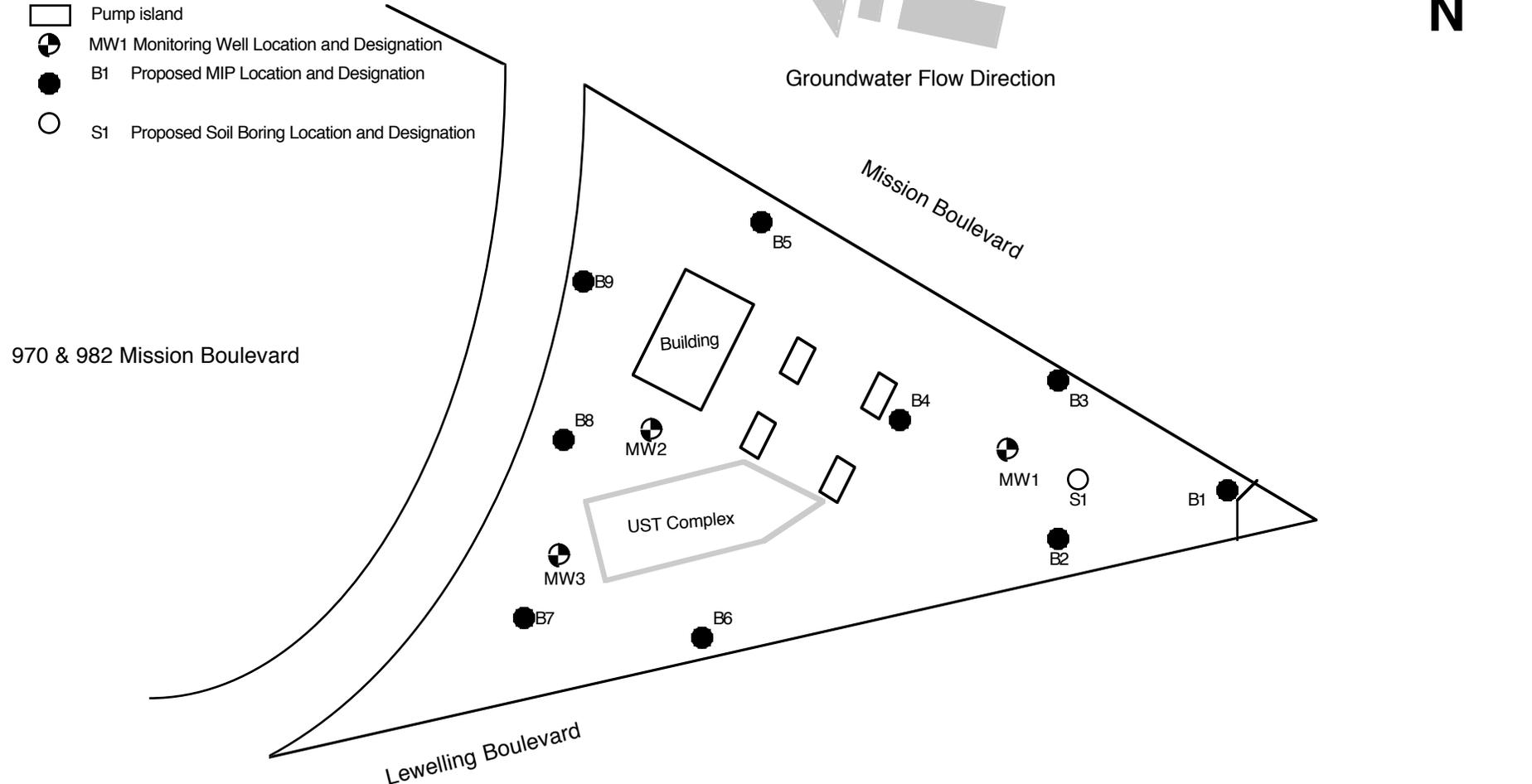
FIGURE

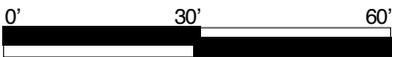
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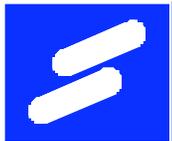
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LEGEND

-  Pump island
-  MW1 Monitoring Well Location and Designation
-  B1 Proposed MIP Location and Designation
-  S1 Proposed Soil Boring Location and Designation



Approximate Scale: 



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Proposed Soil Boring Locations
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FIGURE
2
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